

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E89995

**Participation :** CTR

**Employer :** Puget Sound Energy

**Status :** Affected

**Worksite :** Puget Sound Energy

**Survey Type :** Online

**Street :** 6905 S 228th St

**Response Rate :** 75%

**Jurisdiction :** City of Kent

**Survey Date :** 3/30/2018

### Non-Drive Alone & One-Way VMT Rates at this Worksite

**Non-Drive Alone Rate :** 14.6%

**Drive Alone Rate :** 85.4%

**One-Way VMT per employee :** 15.2

**Average One-Way distance home to work :** 17.3

### Employees and Survey Response Information

**Reported Total Employees at Worksite:** 244

**Surveys Distributed :** 244

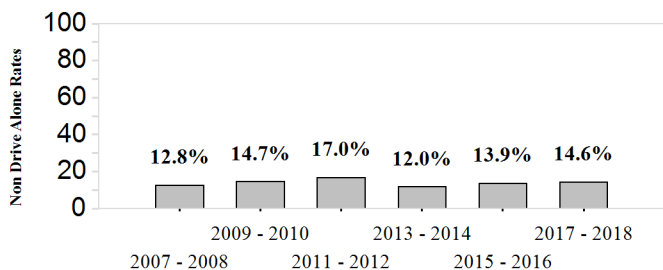
**Surveys Returned :** 184

**Surveys Returned by CTR Affected\* Employees :** 176

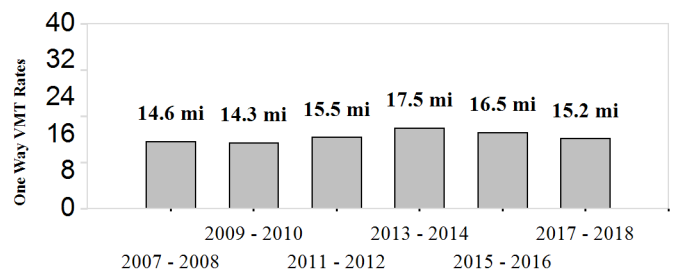
**Total Estimated CTR Affected Employees at Worksite :** 233

*\*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

#### Non Drive Alone Rates - ALL Employees



#### One Way VMT per Employee - ALL Employees



### Site History and Targets

### Annual Metric Tons CO<sub>2</sub>e Pounds CO<sub>2</sub>e

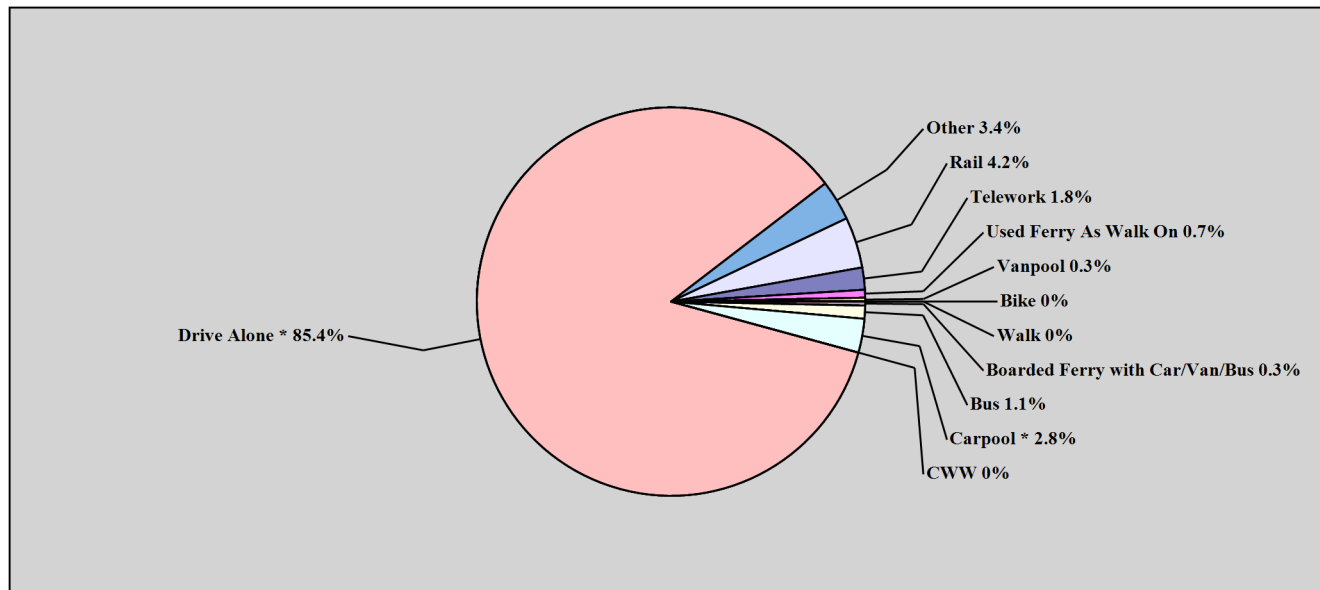
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	12.8%	12.7%	316	563	20.3	14.6	13.7
2009 - 2010	14.7%	14.0%	373	621	22.4	14.3	14.0
2011 - 2012	17.0%	16.9%	498	578	20.9	15.5	15.6
2013 - 2014	12.0%	11.8%	453	706	25.5	17.5	16.8
2015 - 2016	13.9%	12.1%	521	707	25.5	16.5	16.9
2017 - 2018	14.6%	14.2%	622	825	29.8	15.2	15.5
Target	24.1%				Target:	11.6	
% Point Change Target:	11.3				% Change Target:	-20.5%	
% Point Change from Baseline:	1.8				% Change from Baseline:	4.1%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

## Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



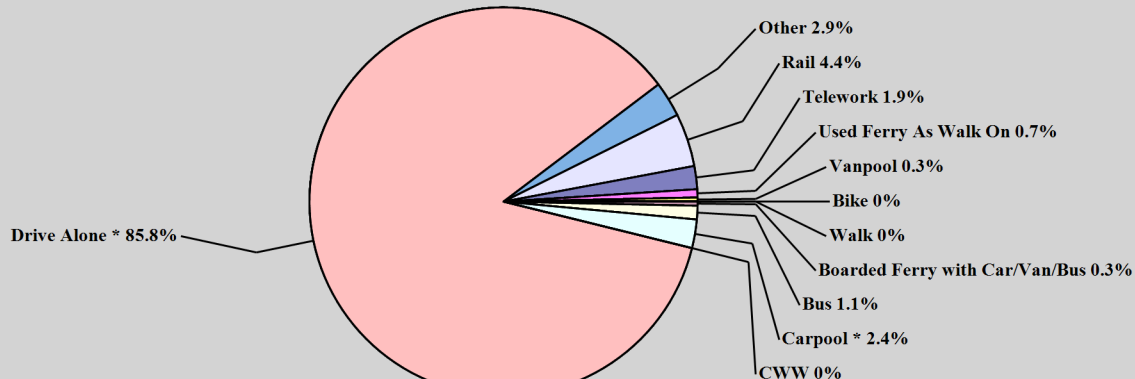
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	787	85.4%	86.1%	170	92.4%	89.4%
Carpool *	26	2.8%	2.5%	8	4.3%	3.3%
Vanpool	3	0.3%	0.0%	1	0.5%	0.0%
Bus	10	1.1%	0.7%	4	2.2%	0.7%
Rail	39	4.2%	3.2%	10	5.4%	4.0%
Bike	0	0.0%	0.7%	0	0.0%	0.7%
Walk	0	0.0%	0.3%	0	0.0%	1.3%
Telework	17	1.8%	1.1%	12	6.5%	3.3%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	3	0.3%	0.0%	1	0.5%	0.0%
Used Ferry As Walk On	6	0.7%	1.3%	1	0.5%	1.3%
Other	31	3.4%	4.1%	7	3.8%	4.0%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

## Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	758	85.8%	87.9%	164	93.2%	90.6%
Carpool *	21	2.4%	2.2%	7	4.0%	2.9%
Vanpool	3	0.3%	0.0%	1	0.6%	0.0%
Bus	10	1.1%	0.7%	4	2.3%	0.7%
Rail	39	4.4%	3.5%	10	5.7%	4.3%
Bike	0	0.0%	0.7%	0	0.0%	0.7%
Walk	0	0.0%	0.3%	0	0.0%	1.4%
Telework	17	1.9%	1.2%	12	6.8%	3.6%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	3	0.3%	0.0%	1	0.6%	0.0%
Used Ferry As Walk On	6	0.7%	1.5%	1	0.6%	1.4%
Other	26	2.9%	1.9%	6	3.4%	2.2%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
<b>0 Day</b>	146	79%	184	100%
<b>1 Days</b>	5	3%	38	21%
<b>2 Days</b>	7	4%	33	18%
<b>3 Days</b>	8	4%	26	14%
<b>4 Days</b>	1	1%	18	10%
<b>5 Days</b>	15	8%	17	9%
<b>6 or More Days</b>	2	1%	2	1%

**Count by Occupancy of Carpools and Vanpools**

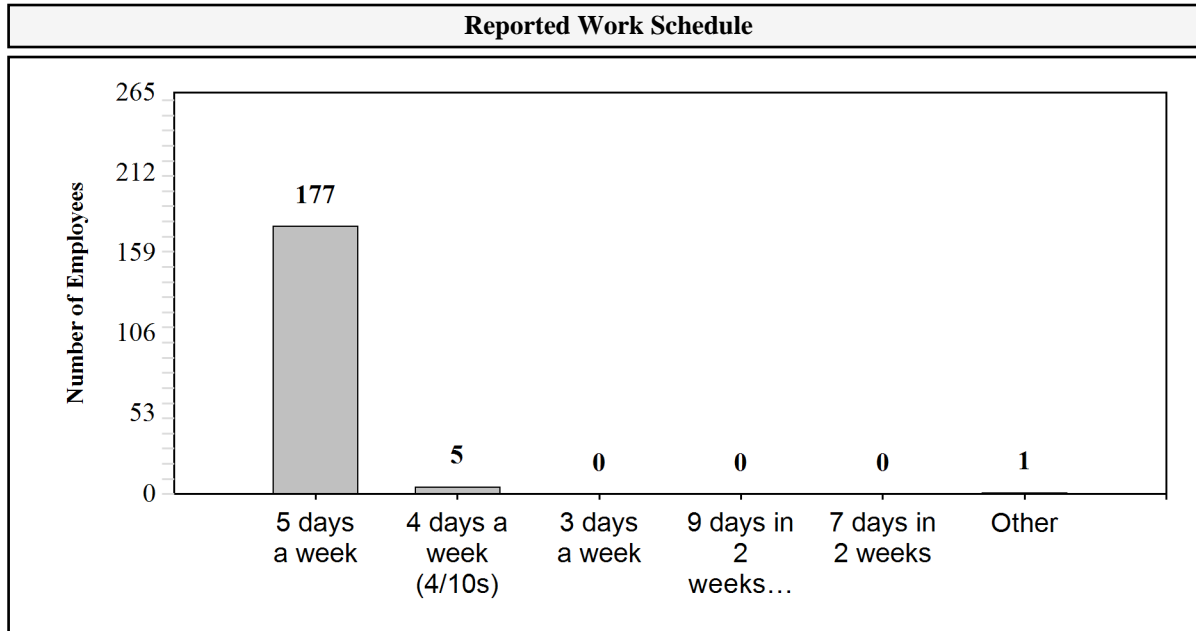
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
<b>2*</b>	Carpool	26
<b>3</b>	Carpool	0
<b>4</b>	Carpool	0
<b>5</b>	Carpool	0
<b>&gt;5</b>	Carpool	0
<b>&lt;5</b>	Vanpool	3
<b>5</b>	Vanpool	0
<b>6</b>	Vanpool	0
<b>7</b>	Vanpool	0
<b>8</b>	Vanpool	0
<b>9</b>	Vanpool	0
<b>10</b>	Vanpool	0
<b>11</b>	Vanpool	0
<b>12</b>	Vanpool	0
<b>13</b>	Vanpool	0
<b>14</b>	Vanpool	0
<b>&gt;14</b>	Vanpool	0

\* Motorcycle-2 counted with Carpool-2 for this table.

## Reported Work Schedule - All Employees

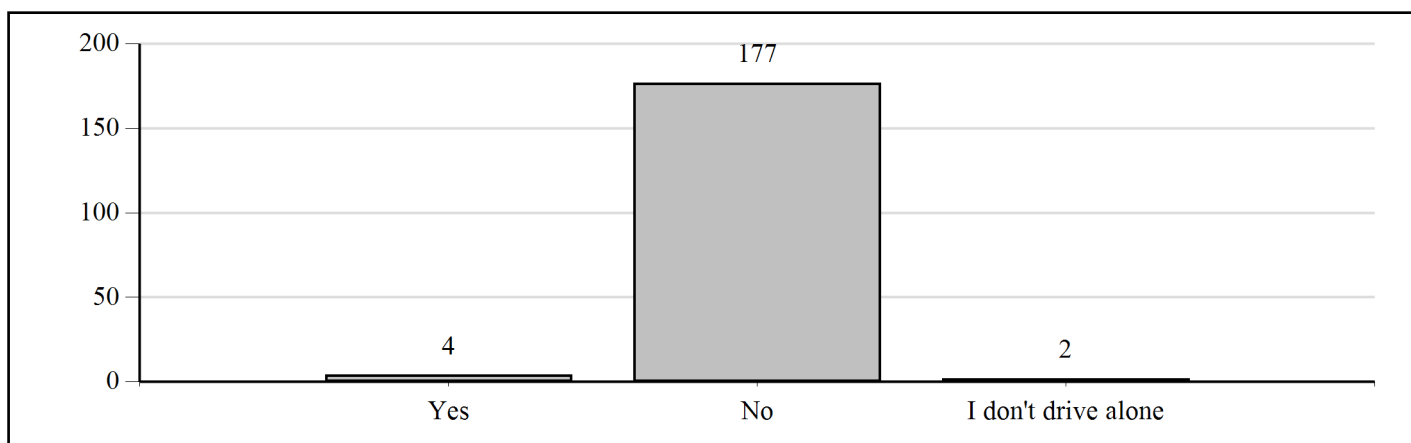
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	177	96.7%
4 days a week (4/10s)	5	2.7%
3 days a week	0	0%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	1	0.5%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	107	58.2%
Occasionally, on an as-needed basis	51	27.7%
1-2 days/month	12	6.5%
1 day/week	8	4.3%
2 days/week	4	2.2%
3 days/week	2	1.1%

**Reasons for driving alone to work/not driving alone to work**
**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
To save money	47	16.5%
To save time using the HOV lane	44	15.4%
I have the option of teleworking	39	13.7%
Other	29	10.2%
Environmental and community benefits	24	8.4%
Personal health or well-being	23	8.1%
Free or subsidized bus, train, vanpool pass or fare benefit	22	7.7%
Driving myself is not an option	16	5.6%
Financial incentives for carpooling, bicycling or walking.	13	4.6%
Cost of parking or lack of parking	13	4.6%
Emergency ride home is provided	9	3.2%
Preferred/reserved carpool/vanpool parking is provided	6	2.1%
I receive a financial incentive for giving up my parking space	0	0.0%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	113	26.2%
I like the convenience of having my car	106	24.6%
My commute distance is too short	51	11.8%
My job requires me to use my car for work	48	11.1%
Family care or similar obligations	42	9.7%
Other	35	8.1%
Bicycling or walking isn't safe	21	4.9%
I need more information on alternative modes	12	2.8%
There isn't any secure or covered bicycle parking	3	0.7%

## Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98092	16	8.70%	73	2	0	4	0	0	0	0	1	0	0	0	0
98031	12	6.52%	51	0	0	0	0	0	0	0	0	0	0	0	12
98001	11	5.98%	55	0	0	0	0	0	0	0	1	0	0	0	0
98042	10	5.43%	42	5	0	0	0	0	0	0	1	0	0	0	2
98391	9	4.89%	32	8	0	0	0	3	0	0	0	0	0	0	0
98003	7	3.80%	33	0	0	0	0	0	0	0	0	0	0	0	0
98022	7	3.80%	33	0	0	0	0	0	0	0	2	0	0	0	0
98058	7	3.80%	30	0	0	0	0	0	0	0	0	0	0	0	5
98038	6	3.26%	29	0	0	0	0	0	0	0	0	0	0	0	0
98030	5	2.72%	25	0	0	0	0	0	0	0	0	0	0	0	0
98321	5	2.72%	17	0	0	0	0	5	0	0	3	0	0	0	0
98023	4	2.17%	20	0	0	0	0	0	0	0	2	0	0	0	0
98032	4	2.17%	20	0	0	0	0	0	0	0	0	0	0	0	0
98059	4	2.17%	15	0	0	0	0	0	0	0	0	0	0	0	5
98002	3	1.63%	13	0	0	0	0	2	0	0	0	0	0	0	0
98055	3	1.63%	14	0	0	0	0	0	0	0	0	0	0	0	0
98056	3	1.63%	15	0	0	0	1	0	0	0	1	0	0	0	0
98371	3	1.63%	4	2	0	0	0	8	0	0	1	0	0	0	0
98372	3	1.63%	9	1	0	0	0	5	0	0	0	0	0	0	0
98390	3	1.63%	9	0	0	0	0	0	0	0	0	0	0	0	5
98057	2	1.09%	10	0	0	0	0	0	0	0	0	0	0	0	0
98106	2	1.09%	7	0	0	3	0	0	0	0	0	0	0	0	0
98116	2	1.09%	10	0	0	0	0	0	0	0	0	0	0	0	0
98118	2	1.09%	10	0	0	0	0	0	0	0	0	0	0	0	0
98146	2	1.09%	10	0	0	0	0	0	0	0	0	0	0	0	0
98373	2	1.09%	8	0	0	0	2	0	0	0	0	0	0	0	0





Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98374	2	1.09%	6	3	0	0	0	0	0	0	1	0	0	0	0
98409	2	1.09%	7	0	0	0	0	3	0	0	0	0	0	0	0
98005	1	0.54%	4	0	0	1	0	0	0	0	0	0	0	0	0
98010	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98012	1	0.54%	3	0	0	0	0	0	0	0	2	0	0	0	0
98021	1	0.54%	4	0	0	0	0	0	0	0	1	0	0	0	0
98027	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98028	1	0.54%	0	0	3	0	0	0	0	0	0	0	0	0	2
98052	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98075	1	0.54%	0	5	0	0	0	0	0	0	0	0	0	0	0
98107	1	0.54%	2	0	0	0	0	0	0	0	0	0	0	0	0
98122	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98126	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98133	1	0.54%	0	0	0	0	5	0	0	0	0	0	0	0	0
98136	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98144	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98166	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98168	1	0.54%	4	0	0	0	0	0	0	0	1	0	0	0	0
98178	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98188	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98198	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98208	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98270	1	0.54%	0	0	0	0	2	3	0	0	0	0	0	0	0
98273	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98311	1	0.54%	2	0	0	0	0	0	0	0	0	0	3	0	0
98312	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98328	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98329	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98354	1	0.54%	6	0	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98366	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98367	1	0.54%	0	0	0	0	0	0	0	0	0	0	0	6	0
98403	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98407	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98418	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98443	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98444	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98466	1	0.54%	2	0	0	0	0	5	0	0	0	0	0	0	0
98498	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98502	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98503	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98513	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98522	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98589	1	0.54%	0	0	0	0	0	5	0	0	0	0	0	0	0
98597	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
99022	1	0.54%	5	0	0	0	0	0	0	0	0	0	0	0	0